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ABSTRACT OF THE INVENTION

A modular fire detection and extinguishing system is disclosed that is inexpensive, compact, and modular to allow easy aftermarket installation in a variety of vehicles. The system may include a detector, a trigger coupled to the detector and a gas generant fire extinguisher, a modular distribution line in fluid communication with the extinguisher and a nozzle. The system allows exhaust gas from the gas generant fire extinguisher to carry dry powdered fire suppressant from the fire extinguisher and through the nozzle to disperse the fire suppressant substantially uniformly throughout a fire hazard zone. The extinguisher is installed such that exhaust gas must aerate substantially all the fire suppressant before exiting the extinguisher.

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